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Lexicographic and sequential equilibrium problems

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Abstract

The aim of this work is to analyze lexicographic equilibrium problems on a topological Hausdorff vector space X , and their relationship with some other vector equilibrium problems. Existence results for the tangled lexicographic problem are proved via the study of a related sequential problem. This approach was already followed by the same authors in the case of variational inequalities. © 2009 Springer Science+Business Media, LLC.

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Keywords

Generalized monotonicity, Lexicographic equilibrium problem, Sequential equilibrium problem